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PALM INTRANET

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## **Inventor Information for 10/765624**

Inventor Name	City	State/Country
BENSER, MICHAEL	VALENCIA	CALIFORNIA
BORNZIN, GENE A.	SIMI VALLEY	CALIFORNIA
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US	US-	20060316	26	Multi-variable	607/42		Koh; Steve
20060058852	PGPUB	20000310	20	feedback control	007/42		et al.
A1	1 GI OB			of stimulation for			Ct al.
Ai	~			inspiratory			
				facilitation			
US	US-	20051215		Collecting and	607/9	600/509	Koh, Steve
20050277992	PGPUB			analyzing sensed			et al.
Al				information as a			
				trend of heart			
				failure progression			
				or regression			
US	US-	20051027	19	System and	607/42		Park,
20050240240	PGPUB			method for			Euljoon et
A1		'		applying therapy			al.
				during hyperpnea			
				phase of periodic			
				breathing using an			
				implantable medical device			
LIC	US-	20050929		System and	607/17		Min,
US 20050216067	PGPUB	20030929		method for	007/17		Xiaoyi et
A1	FOLOR			predicting a heart			al.
Al				condition based			u.,
				on impedance			
				values using an			
				implantable			
				medical device			
US	US-	20050929		System and	600/508		Bornzin,
20050215914	PGPUB			method for			Gene A. et
A1				evaluating heart			al.
			ļ	failure based on			
				ventricular end-			
				diastolic volume			
		1		using an implantable			
				medical device			
US	US-	20050728	-	Tiered therapy for	607/42	600/529	Benser,
20050165457	PGPUB	20030720		respiratory	3377.12	000,02	Michael et
A1				oscillations			al.
				characteristic of			
				Cheyne-Stokes			
				respiration			
US	US-	20050609		Methods for	607/9		Min,
20050125041	PGPUB			ventricular pacing			Xiaoyi et
A1					60=12		al.
US	US-	20050414		Lead body	607/122		Chitre,

. .

20050080471	PGPUB		construction			Yougandh
A1						et al.
US 20050059897 A1	US- PGPUB	20050317	Statistical analysis for implantable cardiac devices	600/510		Snell, Jeffery D. et al.
US 20050055060 A1	US- PGPUB	20050310	Determination of respiratory characteristics from AV conduction intervals	607/17		Koh, Steve et al.
US 20050004605 A1	US- PGPUB	20050106	Bachmann's bundle electrode for atrial defibrillation	607/5		Zheng, Xiangsheng et al.
US 20040267321 A1	US- PGPUB	20041230	Method and apparatus for monitoring drug effects on cardiac electrical signals using an implantable cardiac stimulation device	607/3	607/9	Boileau, Peter et al.
US 20040243210 A1	US- PGPUB	20041202	Fixation of a left heart medical lead in the coronary sinus	607/122	607/125	Morgan, Kevin L. et al.
US 20040093054 A1	US- PGPUB	20040513	Inter-atrial septum electrode for atrial defibrillation	607/123		Zheng, Xiangsheng et al.
US 20040044370 A1	US- PGPUB	20040304	Method and system for the selection of cardiac defibrillation shocks based on discomfort	607/5		Benser, Michael E. et al.
US 20030195579 A1	US- PGPUB	20031016	Automatic capture using independent channels in bichamber stimulation	607/27		Bradley, Kerry et al.
US 20030171782 A1	US- PGPUB	20030911	Method and apparatus for using a rest mode	607/19		Florio, Joseph J. et al.

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US 20030171781 A1	US- PGPUB	20030911	indicator to automatically adjust control parameters of an implantable cardiac stimulation device Method and apparatus for using a rest mode indicator to	607/17	607/19	Florio, Joseph J. et al.
			automatically adjust control parameters of an implantable cardiac stimulation device			
US 20030163165 A1	US- PGPUB	20030828	Implantable cardiac stimulation device that defibrillates the atria while avoiding the ventricular vulnerable period and method	607/5		Bornzin, Gene A. et al.
US 20030153956 A1	US- PGPUB	20030814	Cardiac stimulation device including sleep apnea prevention and treatment	607/17		Park, Euljoon et al.
US 20030153955 A1	US- PGPUB	20030814	Cardiac stimulation device including sleep apnea prevention and treatment	607/17		Park, Euljoon et al.
US 20030153954 A1	US- PGPUB	20030814	Sleep apnea therapy device using dynamic overdrive pacing	607/17		Park, Euljoon et al.
US 20030153953 A1	US- PGPUB	20030814	Stimulation device for sleep apnea prevention, detection and treatment	607/17		Park, Euljoon et al.
US	US-	20030710	Method and	607/11		Florio,

20030130704	PGPUB		apparatus for			Joseph J. et
A1	- 5. 5.		dynamically			al.
			adjusting a non-			
			linear overdrive			
			pacing response			
			function			
US	US-	20030710	Method and	607/11		Florio,
20030130703	PGPUB		apparatus for			Joseph J. et
Al			dynamically			al.
			adjusting			
			overdrive pacing			
			parameters			
US	US-	20030501	Împlantable	607/27		Bradley,
20030083708	PGPUB		cardiac			Kerry et al.
A1			stimulation system			
			and method for			
			automatic capture			
			verification			
			calibration			
US	US-	20030417	System, device	607/119		Florio,
20030074040	PGPUB		and method for			Joseph J. et
A1			placing a body			al.
			implantable lead			
			in the coronary			
			sinus region of the			
TIC	US-	20030313	heart Self-anchoring	607/125		Pianca,
US 20030050681	PGPUB	20030313	coronary sinus	007/123		Anne M. et
1	. PGPUB		lead			al.
A1	US-	20030306	Pacing mode to	607/23		Sorensen,
US 20030045910	PGPUB	20030306	reduce effects of	007/23		Chris et al.
A1	FOLOB		orthostatic			Cin is ct ai.
			hypotension and			
		ļ	syncope			
US	US-	20030227	Orientation of	607/17		Kroll, Mark
20030040778	PGPUB		patient's position			W. et al.
A1			sensor using			
			external field			
US	US-	20030227	Detection of	607/9		Kroll, Mark
20030040776	PGPUB		patient's position			W. et al.
A1			and activity status		1	
			using 3D			
			accelerometer-			
			based position			
			sensor			
US	US-	20030206	Electrophysiologic	606/34	606/41	Sanchez,

20030028183	PGPUB		measure of			Javier E. et
Al			endpoints for ablation lesions created in fibrillating substrates			al.
US 20030023275 A1	US- PGPUB	20030130	Inter-atrial septum or superior vena cava electrodes for atrial defibrillation	607/5		Zheng, Xiangsheng et al.
US 20020188326 A1	US- PGPUB	20021212	Bachmann's bundle electrode for atrial defibrillation	607/5	607/122	Zheng, Xiansheng et al.
US 20020120303 A1	US- PGPUB	20020829	Implantable cardiac device providing repetitive non- reentrant ventriculo-atrial synchronous (RNRVAS) rhythm therapy using VA interval extension and method	607/14		Levine, Paul A. et al.
US 20020120301 A1	US- PGPUB	20020829	Implantable cardiac device providing repetitive non- reentrant ventriculo-atrial synchronous (RNRVAS) rhythm therapy using secondary pacing pulses and method	607/9		Levine, Paul A. et al.
US 20020103524 A1	US- PGPUB	20020801	Implantable cardiac single pass coronary sinus lead for providing pacing and defibrillation and method of manufacture	607/122		Bornzin, Gene A. et al.

US 20020103523 A1	US- PGPUB	20020801	Implantable cardiac coronary sinus lead having a defibrillation electrode of split configuration and method of manufacture	607/122	Helland, John R. et al.
US 20020095190 A1	PGPUB	20020718	System and method for automating capture verification assessment and pacing threshold assessment using a programmer	607/28	Bornzin, Gene A. et al.
US 20020007205 A1	US- PGPUB	20020117	Inter-atrial septum electrode for atrial defibrillation	607/122	Zheng, Xiangsheng et al.
US 20020004672 A1	US- PGPUB	20020110	Implantable cardiac stimulation device with detection and therapy for patients with vasovagal syncope	607/9	Florio, Joseph J. et al.
US 20020004671 A1	US- PGPUB	20020110	System and method for preventing sudden heart rate drop using implantable cardiac pacing device	607/9	Bornzin, Gene A. et al.
US 20020004670 A1	US- PGPUB	20020110	Implantable cardiac stimulation device with detection and therapy for patients with vasovagal syncope	607/9	Florio, Joseph J. et al.
US 20020002389 A1	US- PGPUB	20020103	Cardiac stimulation devices and methods for measuring	607/8	Bradley, Kerry et al.

			impedances associated with the left side of the heart			
US 20010049542 A1	US- PGPUB	20011206	System and method for automatically verifying capture during multichamber stimulation	607/28		Florio, Joseph J. et al.
US 20010037136 A1	US- PGPUB	20011101	Lead with polymeric tubular liner for guidewire and stylet insertion	607/122		Pianca, Anne M. et al.
US 20010037135 A1	US- PGPUB	20011101	Lead with polymeric tubular liner for guidewire and stylet insertion	607/122		Pianca, Anne M. et al.
US 7024243 B1	USPAT	20060404	System and methods for preventing, detecting, and terminating pacemaker mediated tachycardia in biventricular implantable cardiac stimulation device	607/14	600/518	Bornzin; Gene A. et al.
US 7024241 B1	USPAT	20060404	Pacing pulse waveforms that support simultaneous intracardiac signal sensing and	607/9		Bornzin; Gene A. et al.
US 7020518 B2	USPAT	20060328	analysis  Inter-atrial septum or superior vena cava electrodes for atrial defibrillation	607/5		Zheng; Xiangsheng et al.
US 7006868 B2	USPAT	20060228	Method and apparatus for	607/19		Florio; Joseph J. et

			using a rest mode indicator to automatically adjust control parameters of an implantable cardiac			al.
US 6999817 B2	USPAT	20060214	Stimulation device Cardiac Stimulation device including sleep apnea prevention and treatment	607/19	607/9	Park; Euljoon et al.
US 6990374 B1	USPAT	20060124	Methods and apparatus for overdrive pacing heart tissue using an implantable cardiac stimulation device	607/9		Florio; Joseph J. et al.
US 6988007 B1	USPAT	20060117	Single pass telescoping cardiac lead for the left heart	607/123	600/374; 607/125	Morgan; Kevin L. et al.
US 6968232 B2	USPAT	20051122	Method and apparatus for using a rest mode indicator to automatically adjust control parameters of an implantable cardiac stimulation device	607/18		Florio; Joseph J. et al.
US 6937900 B1	USPAT	20050830	AC/DC multi-axis accelerometer for determining patient activity and body position	607/19	607/18	Pianca; Anne M. et al.
US 6934587 B1	USPAT	20050823	System and method for automatic atrial capture detection and atrial pacing threshold determination	607/28		Bornzin; Gene A. et al.

USPAT	20050809	Stimulation device for sleep apnea prevention, detection and treatment	607/20	607/18; 607/42	Park; Euljoon et al.
USPAT	20050802	Implantable cardiac stimulation system and method for measuring atrioventricular conduction and adjusting atrioventricular	600/510	607/9	Levine; Paul A. et al.
USPAT	20050705	Automatic capture using independent channels in bi-chamber stimulation	607/29		Bradley; Kerry et al.
USPAT	20050607	System and method of identifying fusion for dual-chamber automatic capture stimulation device	607/27		Bornzin; Gene A. et al.
USPAT	20050607	Sleep apnea therapy device using dynamic overdrive pacing	607/17		Park; Euljoon et al.
USPAT	20050607	Method and apparatus for dynamically adjusting overdrive pacing parameters	607/9	607/11	Florio; Joseph J. et al.
USPAT	20050503	Implantable cardiac stimulation device that defibrillates the atria while avoiding the ventricular vulnerable period and method	607/4	607/63	Bornzin; Gene A. et al.  McClure;
	USPAT  USPAT  USPAT	USPAT 20050802  USPAT 20050705  USPAT 20050607  USPAT 20050607  USPAT 20050607	USPAT 20050607 Implantable cardiac stimulation system and method for measuring atrioventricular conduction and adjusting atrioventricular hystersis  USPAT 20050705 Automatic capture using independent channels in bichamber stimulation  USPAT 20050607 System and method of identifying fusion for dual-chamber automatic capture stimulation device  USPAT 20050607 Sleep apnea fherapy device using dynamic overdrive pacing whethod and apparatus for dynamically adjusting overdrive pacing parameters  USPAT 20050503 Implantable cardiac stimulation device that defibrillates the atria while avoiding the ventricular vulnerable period and method	USPAT   20050802   Implantable cardiac stimulation system and method for measuring atrioventricular conduction and adjusting atrioventricular hystersis	for sleep apnea prevention, detection and treatment  USPAT 20050802 Implantable cardiac stimulation system and method for measuring atrioventricular conduction and adjusting atrioventricular hystersis  USPAT 20050705 Automatic capture using independent channels in bichamber stimulation  USPAT 20050607 System and method of identifying fusion for dual-chamber automatic capture stimulation device  USPAT 20050607 Sleep apnea therapy device using dynamic overdrive pacing Method and apparatus for dynamically adjusting overdrive pacing parameters  USPAT 20050607 Implantable cardiac stimulation device that defibrillates the atria while avoiding the ventricular vulnerable period and method of and method of didnification device that defibrillates the atria while avoiding the ventricular vulnerable period and method

B1			apparatus for			Kelly H. et
			blanking T-waves			al.
			from combipolar			
			atrial cardiac			
			signals based on			
			expected T-wave			
		,	locations			
US 6832112	USPAT	20041214	Method of	607/9		Bornzin;
B1			adjusting an AV			Gene A.
			and/or PV delay to			
			improve		l <sub>e</sub>	
			hemodynamics			
			and corresponding			
			implantable			
			stimulation device			
US 6804556	USPAT	20041012	Methods and	607/9		Florio;
B1			apparatus for			Joseph J. et
			overdrive pacing			al.
			heat tissue using			
			an implantable			
			cardiac			
			stimulation device			
US 6804553	USPAT	20041012	Bachmann's	607/5		Zheng;
B2			bundle electrode			Xiangsheng
			for atrial			et al.
			defibrillation			
US 6792307	USPAT	20040914	Implantable	607/9	600/509	Levine;
B1			cardiac			Paul A. et
		.	stimulation system			al.
			and method for			
			measuring			
			atrioventricular			
			conduction and			
			adjusting	ļ		
			atrioventricular			
			hysteresis			
US 6782291	USPAT	20040824	Implantable	607/28		Bornzin;
B1			cardiac			Gene A. et
			stimulation device	i		al.
			with automatic			
			evoked response			
			sensing electrode			
			configuration			
			selection and			
			method			
US 6766195	USPAT	20040720	Method and	607/14	600/515;	Bornzin;

B1			apparatus for detecting natural		607/4; 607/5	Gene A. et al.
			electrical coherence within the heart and for administering		307/3	41.
			therapy based			
US 6760619 B1	USPAT	20040706	Two lead universal defibrillation, pacing and sensing system	607/4	607/123	Helland; John R. et al.
US 6758854 B1	USPAT	20040706	Splittable occlusion balloon sheath and process of use	606/194	604/101.01	Butler; William et al.
US 6748268 B1	USPAT	20040608	Three lead universal pacing and shocking system	607/4		Helland; John R. et al.
US 6748261 B1	USPAT	20040608	Implantable cardiac stimulation device for and method of monitoring progression or regression of heart disease by monitoring interchamber conduction delays	600/510	600/509; 607/9	Kroll; Mark W. et al.
US 6745081 B1	USPAT	20040601	Coronary Sinus Cardiac Lead For Stimulating and Sensing The Atria of the Right and Left Heart and System	607/123		Helland; John R. et al.
US 6743225 B2	USPAT	20040601	Electrophysiologic measure of endpoints for ablation lesions created in fibrillating substrates	606/34	128/898; 606/32; 606/41; 606/51; 607/101; 607/105	Sanchez; Javier E. et al.

US 6741885 B1	USPAT	20040525	Implantable cardiac device for managing the progression of heart disease and method	600/509	600/529; 607/19; 607/20	Park; Euljoon et al.
US 6731985 B2	USPAT	20040504	Implantable cardiac stimulation system and method for automatic capture verification calibration	607/28		Poore; John W. et al.
US 6721601 B1	USPAT	20040413	System and method for automatic atrial capture detection and atrial pacing threshold determination	607/28		Bornzin; Gene A. et al.
US 6721598 B1	USPAT	20040413	Coronary sinus cardiac lead for stimulating and sensing in the right and left heart and system	607/4	607/123	Helland; John R. et al.
US 6711438 B1	USPAT	20040323	Method and apparatus for blanking T-waves from combipolar atrial cardiac signals based on expected T-wave locations	607/9		McClure; Kelly H. et al.
US 6701187 B1	USPAT	20040302	Implantable cardiac stimulation device and method for prolonging atrial refractoriness	607/14		Bornzin; Gene A. et al.
US 6662047 B2	USPAT	20031209	Pacing mode to reduce effects of orthostatic hypotension and syncope	607/18	607/23	Sorensen; Chris et al.
US 6662045	USPAT	20031209	Inter-atrial septum	607/5		Zheng;

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B2			electrode for atrial defibrillation			Xiangsheng et al.
US 6658292 B2	USPAT	20031202	Detection of patient's position and activity status using 3D accelerometer-based position sensor	607/19		Kroll; Mark W. et al.
US 6658283 B1	USPAT	20031202	Implantable cardiac stimulation device, system and method which provides an electrogram signal having the appearance of a surface electrocardiogram	600/510		Bornzin; Gene A. et al.
US 6650945 B2	USPAT	20031118	Implantable cardiac coronary sinus lead having a defibrillation electrode of split configuration and method of manufacture	607/122	607/123	Helland; John R. et al.
US 6650931 B1	USPAT	20031118	System and method of automatically determining the onsets and ends of cardiac events and far-field signals	600/510		McClure; Kelly H. et al.
US 6647295 B2	USPAT	20031111	Implantable cardiac stimulation device with detection and therapy for patients with vasovagal syncope	607/9	607/17	Florio; Joseph J. et al.
US 6640136 B1	USPAT	20031028	Implantable cardiac stimulation device with automatic	607/28		Helland; John R. et al.

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			electrode selection for avoiding cross- chamber stimulation			
US 6636766 B2	USPAT	20031021	System and method for preventing sudden heart rate drop using implantable cardiac pacing device	607/19	607/17	Bornzin; Gene A. et al.
US 6625493 B2	USPAT	20030923	Orientation of patient's position sensor using external field	607/17		Kroll; Mark W. et al.
US 6625492 B2	USPAT	20030923	Implantable cardiac stimulation device with detection and therapy for patients with vasovagal syncope	607/17	607/9	Florio; Joseph J. et al.
US 6625490 B1	USPAT	20030923	System and method of automatically adjusting sensing parameters based on temporal measurement of cardiac events	607/9		McClure; Kelly H. et al.
US 6618619 B1	USPAT	20030909	Method and apparatus for reducing the effect of evoked responses on polarization measurements in an automatic capture pacing system	607/27	607/28	Florio; Joseph J. et al.
US 6606517 B1	USPAT	20030812	Methods and apparatus for preventing atrial arrhythmias by overdrive pacing and prolonging	607/14		Park; Euljoon et al.

US 6539259 B1	USPAT	20030325	atrial refractoriness using an implantable cardiac stimulation device System and method of automatically adjusting sensitivity in an	607/9		Weinberg; Lisa P. et al.
US 6519493 B1	USPAT	20030211	implantable cardiac stimulation device Methods and apparatus for overdrive pacing heart tissue using an implantable cardiac	607/9		Florio; Joseph J. et al.
US 6512953 B2	USPAT	20030128	stimulation device  System and method for automatically verifying capture during multichamber stimulation	607/28		Florio; Joseph J. et al.
US 6510342 B1	USPAT	20030121	Methods and apparatus for preventing atrial arrhythmias by overdrive pacing multiple heart tissue sites using an implantable cardiac stimulation device	607/15	607/14	Park; Euljoon et al.
US 6498949 B2	USPAT	20021224	Implantable cardiac device providing repetitive non-reentrant ventriculo-atrial synchronous (RNRVAS)	607/14	607/9	Levine; Paul A. et al.

			rhythm therapy using VA interval extension and method			
US 6490489 B2	USPAT	20021203	Implantable cardiac single pass coronary sinus lead for providing pacing and defibrillation and method of manufacture	607/122		Bornzin; Gene A. et al.
US 6477419 B2	USPAT	20021105	Implantable cardiac device providing repetitive non- reentrant ventriculo-atrial synchronous (RNRVAS) rhythm therapy using secondary pacing pulses and method	607/14	607/9	Levine; Paul A. et al.
US 6466821 B1	USPAT	20021015	AC/DC multi-axis accelerometer for determining patient activity and body position	607/18	607/19	Pianca; Anne M. et al.
US 6459937 B1	USPAT	20021001	Endocardial pacing lead with detachable tip electrode assembly	607/126	607/119	Morgan; Kevin L. et al.
US 6456890 B2	USPAT	20020924	Lead with polymeric tubular liner for guidewire and stylet insertion	607/122		Pianca; Anne M. et al.
US 6456889 B2	USPAT	20020924	Lead with polymeric tubular liner for guidewire and stylet insertion	607/122		Pianca; Anne M. et al.
US 6456881 B1	USPAT	20020924	System and method of	607/27		Bornzin; Gene A. et

			identifying fusion for dual-chamber automatic capture stimulation device			al.
US 6456880 B1	USPAT	20020924	Implantable cardiac stimulation device for and method of monitoring progression or regression of a patient's heart condition by monitoring ventricular repolarization interval dispersion	607/25		Park; Euljoon et al.
US 6449509 B1	USPAT	20020910	Implantable stimulation device having synchronous sampling for a respiration sensor	607/20	600/533; 600/547; 607/17	Park; Euljoon et al.
US 6408210 B1	USPAT	20020618	System and method for automatic atrial capture detection and atrial pacing threshold determination	607/28		Bornzin; Gene A. et al.
US 6405091 B1	USPAT	20020611	Lead assembly with masked microdisk tip electrode and monolithic controlled release device	607/120	607/126	Vachon; David J. et al.
US 6389316 B1	USPAT	20020514	System and method for automatic atrial capture detection and atrial pacing threshold determination	607/28	607/11	Bornzin; Gene A. et al.
US 6377852 B1	USPAT	20020423	Implanatable cardiac	607/9		Bornzin; Gene A. et

			stimulation device and method for prolonging atrial refractoriness			al.
US 6351672 B1	USPAT	20020226	System and method for modulating the pacing rate based on patient activity and position	607/19	607/17	Park; Euljoon et al.
US 6295471 B1	USPAT	20010925	System and method for automatic atrial capture detection and atrial pacing threshold determination	607/28		Bornzin; Gene A. et al.
US 6275733 B1	USPAT	20010814	Dual sensor rate response pacemaker	607/18	607/19	Park; Euljoon et al.
US 6269264 B1	USPAT	20010731	Method for measuring impedance in the body	600/547	607/28	Weyant; Robert R. et al.
US 6175766 B1	USPAT	20010116	Cardiac pacemaker autothreshold arrangement and method with reliable capture	607/28		Bornzin; Gene A. et al.
US 6128534 A	USPAT	20001003	Implantable cardiac stimulation device and method for varying pacing parameters to mimic circadian cycles	607/17	607/25	Park; Euljoon et al.
US 6122546 A	USPAT	20000919	Pacemaker and method of operating same that provides functional atrial cardiac pacing with ventricular support	607/9		Sholder; Jason A. et al.

US 6108577 A	USPAT	20000822	Method and apparatus for detecting changes in electrocardiogram signals	600/517	600/515	Benser; Michael Eric
US 6058328 A	USPAT	20000502	Implantable stimulation device having means for operating in a preemptive pacing mode to prevent tachyarrhythmias and method thereof	607/14		Levine; Paul A. et al.
US 6044294 A	USPAT	20000328	Methods and apparatus for measuring impedance in the body	600/547	607/9	Mortazavi; Said et al.
US 5991661 A	USPAT	19991123	System and method for measuring cardiac activity	607/19		Park; Euljoon et al.
US 5891176 A	USPAT	19990406	System and method for providing hemodynamically optimal pacing	607/18		Bornzin; Gene A.
US 5873895 A	USPAT	19990223	Pacemaker and method of operating same that provides functional atrial cardiac pacing with ventricular support	607/9		Sholder; Jason A. et al.
US 5814077 A	USPAT	19980929	Pacemaker and method of operating same that provides functional atrial cardiac pacing with ventricular support	607/9		Sholder; Jason A. et al.
US 5810739	USPAT	19980922	Methods and	600/510		Bornzin;

A			apparatus for classifying cardiac events with an implantable cardiac device			Gene A. et al.
US 5800467 A	USPAT	19980901	Cardio- synchronous impedance measurement system for an implantable stimulation device	607/17		Park; Euljoon et al.
US 5766229 A	USPAT	19980616	Capture verification method and apparatus for implantable pacemaker utilizing heart rhythm stability measurements to minimize the likelihood of fusion	607/28	607/16	Bornzin; Gene A.
US 5733312 A	USPAT	19980331	System and method for modulating the output of an implantable medical device in response to circadian variations	607/17		Schloss; Harold C. et al.
US 5718242 A	USPAT	19980217	Cardiac arrhythmia detection system for an implantable stimulation device and method	600/515	600/518; 600/521; 607/14	McClure; Kelly H. et al.
US 5697956 A	USPAT	19971216	Implantable stimulation device having means for optimizing current drain	607/28		Bornzin; Gene A.
US 5674274 A	USPAT	19971007	Implantable adjustable single-	607/123	607/122	Morgan; Kevin L. et

			pass A-V lead for use with an implantable stimulation device			al.
US 5643338 A	USPAT	19970701	Single-pass A-V lead for pacing with stimulation of right ventricular outflow tract	607/123	607/125	Bornzin; Gene A. et al.
US 5628779 A	USPAT	19970513	Single-pass A-V pacing lead	607/123	607/125	Bornzin; Gene A. et al.
US 5560369 A	USPAT	19961001	Cardiac arrhythmia detection system for an implantable stimulation device and method	600/518	600/517; 600/521	McClure; Kelly H. et al.
US 5549650 A	USPAT	19960827	System and method for providing hemodynamically optimal pacing therapy	607/24	607/25	Bornzin; Gene A. et al.
US 5549649 A	USPAT	19960827	Programmable pacemaker including an atrial rate filter for deriving a filtered atrial rate used for switching pacing modes	607/15		Florio; Joseph J. et al.
US 5540725 A	USPAT	19960730	Upper rate response for implantable pacemaker based on atrial lock interval pacing	607/9		Bornzin; Gene A. et al.
US 5514162 A	USPAT	19960507	System and method for automatically determining the slope of a transfer function for a rateresponsive cardiac pacemaker	607/19		Bornzin; Gene A. et al.

US 5513644 A	USPAT	19960507	Cardiac arrhythmia detection system for an implantable stimulation device	600/521	128/901	McClure; Kelly H. et al.
US 5509926 A	USPAT	19960423	Implantable medical device having means for suppressing thermally induced signals from piezoelectric sensors and method thereof	607/19		Mortazavi; Said et al.
US 5476483 A	USPAT	19951219	System and method for modulating the base rate during sleep for a rateresponsive cardiac pacemaker	607/17		Bornzin; Gene A. et al.
US 4941475 A	USPAT	19900717	Thermodilution by heat exchange	600/505	600/526; 600/549	Williams; Wilbur R. et al.
US 4813421 A	USPAT	19890321	Oxygen sensing pacemaker	600/333	356/41; 607/22	Baudino; Michael D. et al.
US 4807629 A	USPAT	19890228	Oxygen sensing pacemaker	607/22	600/333; 600/510	Baudino; Michael D. et al.
US 4791935 A	USPAT	19881220	Oxygen sensing pacemaker	600/333	600/505	Baudino; Michael D. et al.
US 4725128 A	USPAT	19880216	Method for delivering light from multiple light emitting diodes over a single optical fiber	385/91	156/60; 156/64; 257/100; 257/89; 257/98; 257/99; 385/90	Bornzin; Gene A. et al.
US H000356 H	USPAT	19871103	Epicardial lead having low threshold, low polarization myocardial electrode	607/126	604/20; 607/122	Stokes; Kenneth B. et al.

US 4502492 A	USPAT	19850305	Low-polarization low-threshold electrode	607/121	607/126	Bornzin; Gene A.
US 4499907 A	USPAT	19850219	Energy limiting cardioversion lead	607/122		Kallok; Michael J. et al.
US 4467807 A	USPAT	19840828	Rate adaptive demand pacemaker	607/22		Bornzin; Gene A.